

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Symbols and abbreviations	5
5	Principle	5
6	System for the assessment of the metrological performance	6
7	Pre-assessment inspection	6
8	Measurement of physical pixel size	7
9	Metrological assessment process	7
10	Classification of the extensometer system	11
11	Uncertainty determination	13
12	Metrological performance assessment intervals for extensometer systems	13
13	Metrological performance assessment certificates	13
Annex A (informative) Uncertainty of measurement		15
Annex B (informative) Classification of the system for the assessment of the metrological performance		21
Annex C (normative) Covariance and covariance matrix		22
Annex D (informative) Template for metrological assessment report for kinematic fields measured by digital image correlation		28
Annex E (informative) Alternative approach for optical model identification in the case of monovision measurements		35
Bibliography		37